

Leading the Launch



IDAHO NATIONAL ENGINEERING AND ENVIRONMENTAL LABORATORY

*Delivering a payload of
responsive technologies*



Technology Deployment



HOME OF SCIENCE AND ENGINEERING SOLUTIONS



Lead Paint Analyzer

Problem

INEEL's Decontamination and Decommissioning project needed to screen for presence of regulated metals in paint while conducting field operations.

Baseline Technology

Sample collection and off-site laboratory analysis.

Innovative Technology: The Lead Paint Analyzer is a portable hand-held instrument that rapidly identifies regulated metals in painted surfaces.

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Comparison

This analyzer screens painted surfaces in seconds without sample collection, compared to the baseline approach that may take months to complete.

Benefits

This analyzer enabled the project to accelerate schedule and has a potential 10-year cost avoidance of approximately \$1.29 million.